

FIG. 1  
 (PRIOR ART)

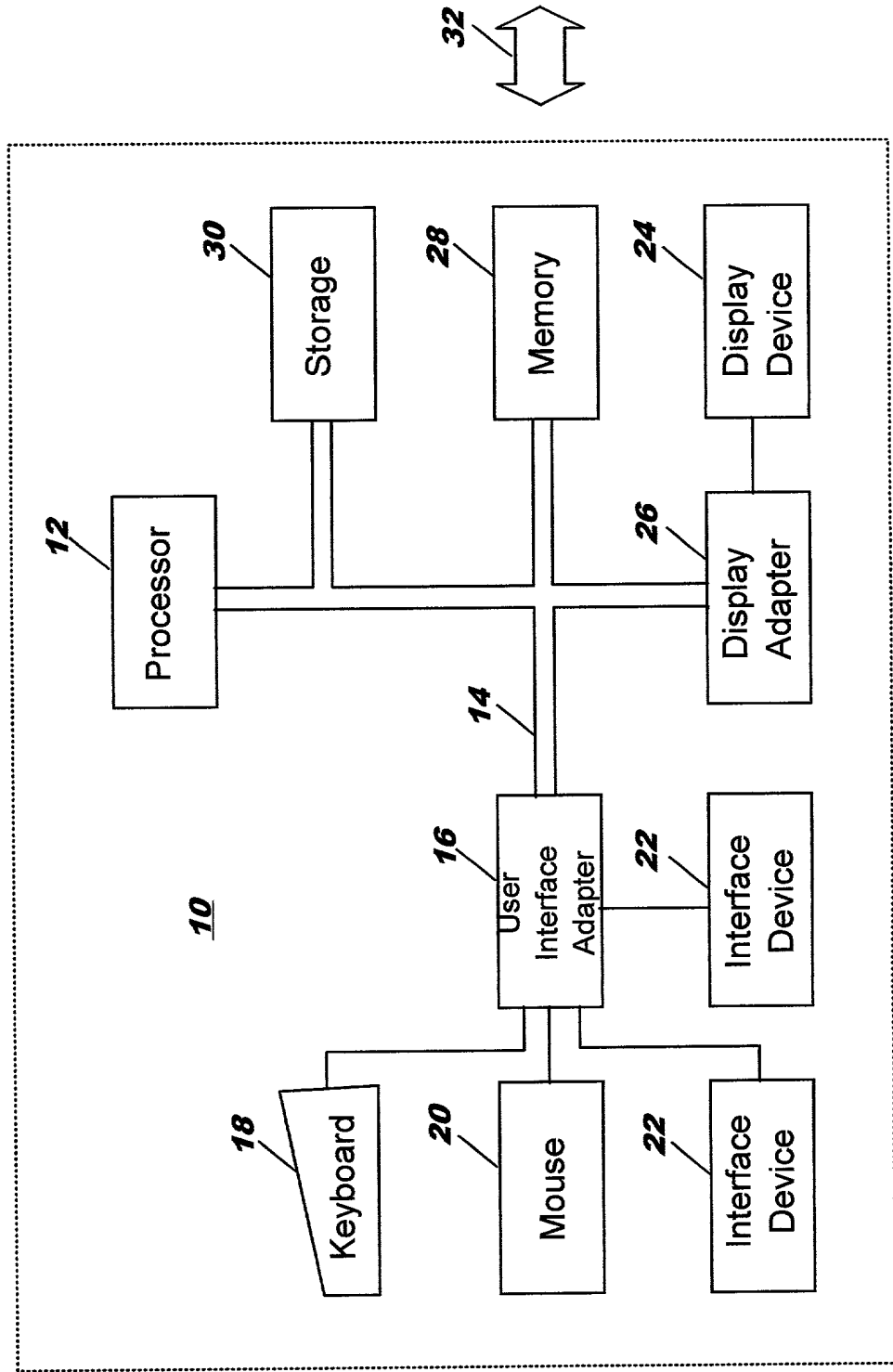


FIG. 2

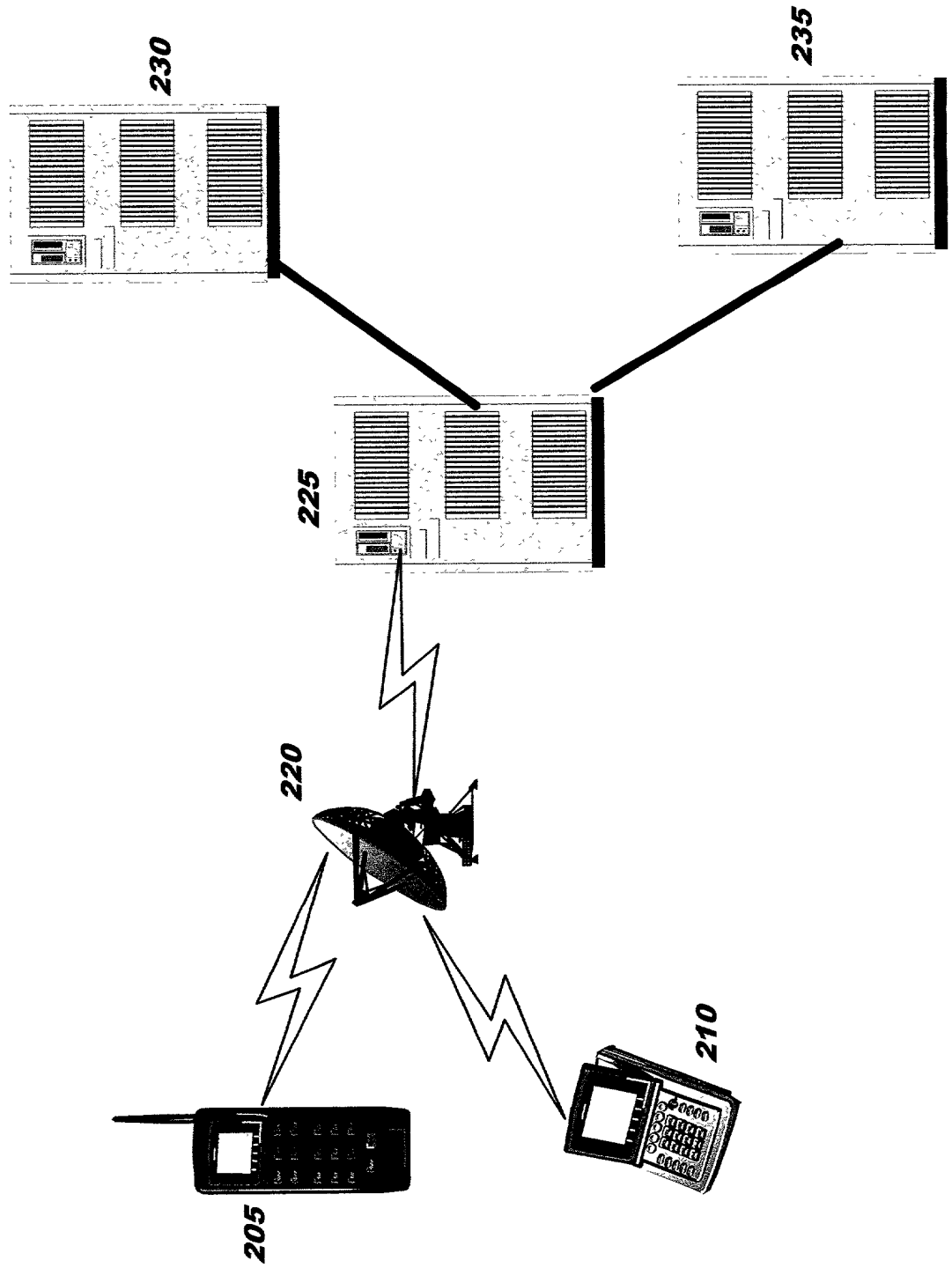


FIG. 3

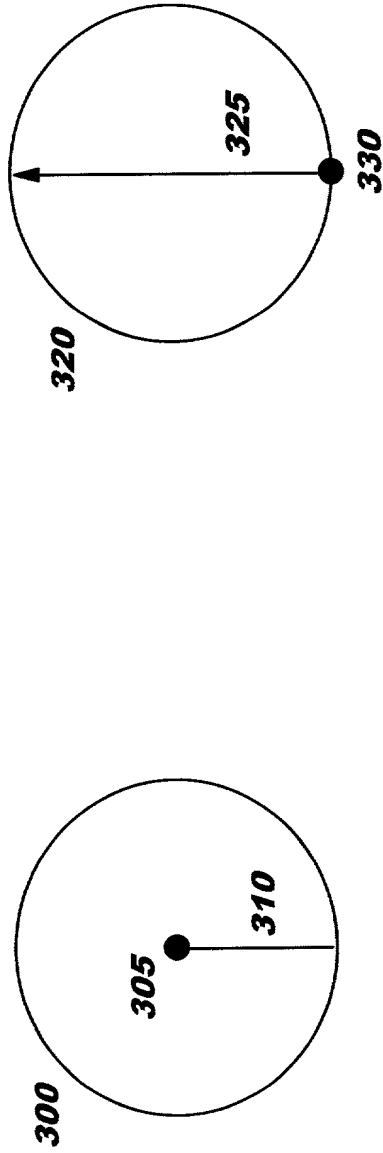
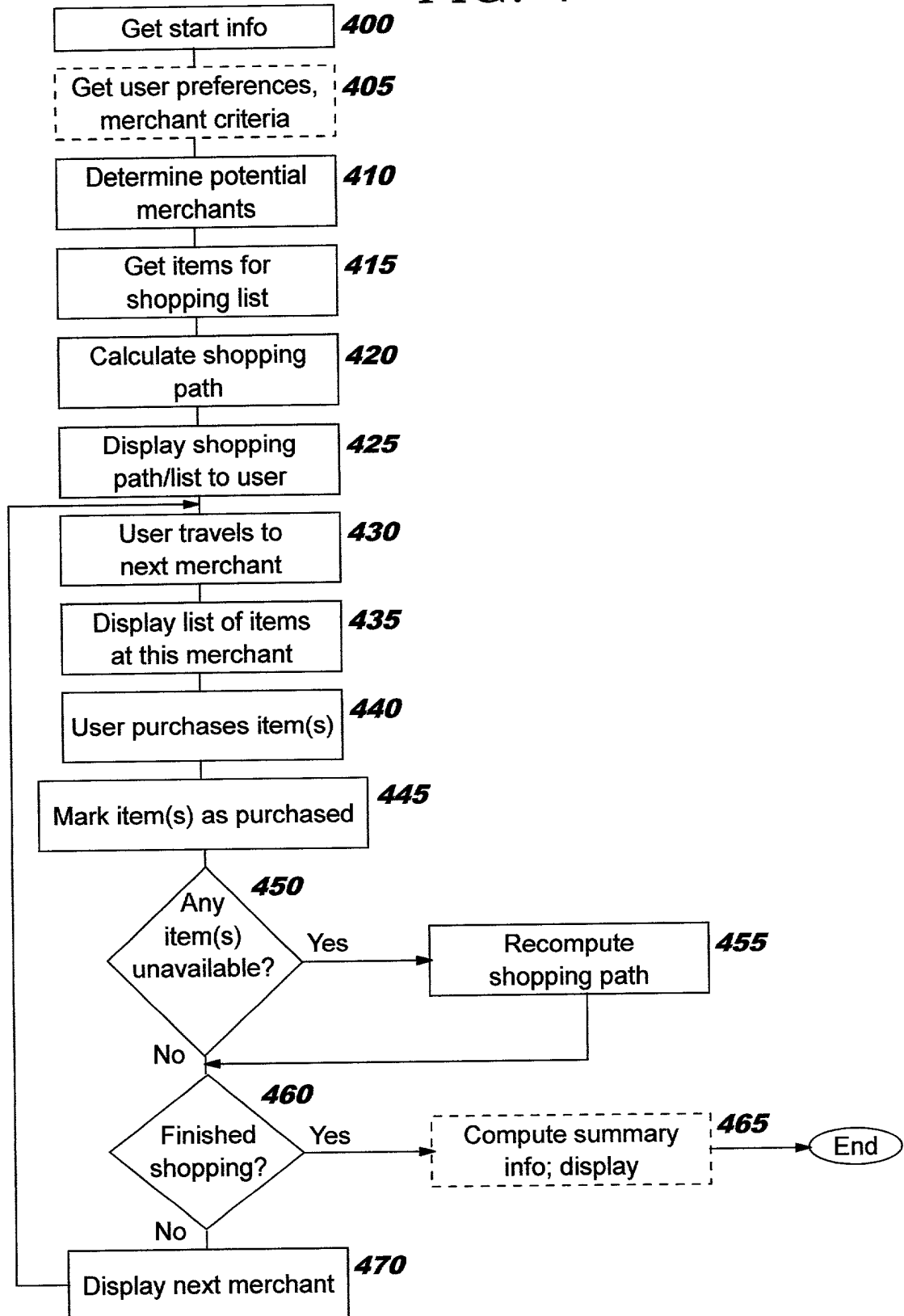


FIG. 4



## FIG. 5A

Your shopping experience should emphasize (pick one):

1. Best price for each item
2. Minimal distance between merchants
3. Best price within time budget

FIG. 5B



- |                                       |       |       |                       |
|---------------------------------------|-------|-------|-----------------------|
| <b>1. Pete's Hardware</b>             |       |       | 200 S. Salisbury St   |
| <input type="checkbox"/> AA Batteries | 2.30  | 2.67  |                       |
| <input type="checkbox"/> 2D Nails     | 2.99  | 3.67  |                       |
| <b>2. Pamela's Emporium</b>           |       |       | 280 S. Wilmington St. |
| <input type="checkbox"/> Photo Album  | 4.60  | 4.77  |                       |
| <input type="checkbox"/> Misc CD      | 8.99  | 9.79  |                       |
| <b>3. David's Computers</b>           |       |       | 180 S. Blount St      |
| <input type="checkbox"/> 128K Memory  | 82.30 | 89.88 |                       |
| <input type="checkbox"/> Serial Cable | 8.55  | 9.65  |                       |

List Total: 109.73  
Average Cost: 120.43

**My Shopping List Today Saved you \$10.70 on the average price of all items!**